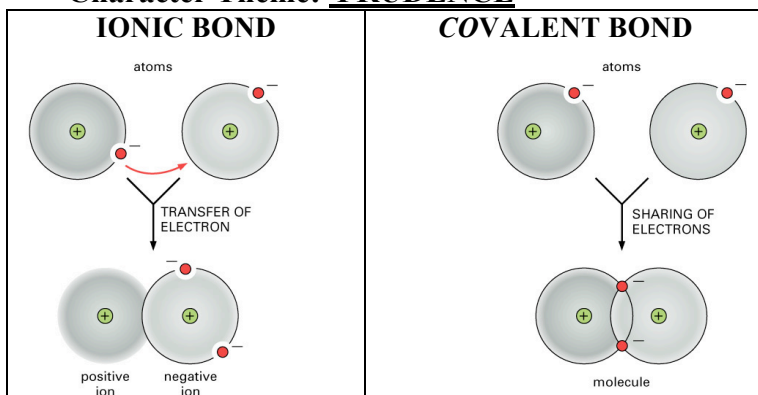


Agenda for Week of: January 14, 2013

Character Theme: PRUDENCE

Guiding Questions:

- 1) Why is glass often used to make cookware?
- 2) Do ionic or covalent materials conduct electricity the best, and how can I tell which is which?



Date	Objectives	Vocabulary	Homework is assigned this day & is due the next day, unless noted:
Mon, 1/7	Review Ionic Charge Complete quiz See Khan Academy "Ions, Covalent, and Metallic Bonds" tutorial for help. https://www.khanacademy.org/science/chemistry/periodic-table-trends-bonding/v/ionic-covalent-and-metallic-bonds	Prudence	1) Vocabulary list due FRIDAY 2) Signed progress reports & make-up work <i>ASAP!</i>
Overall charge of an ion = number of protons – number of electrons			
Tues, 1/8	Chemical Bonds, Ch 5 Section 1	Chemical bond Chemical structure Bond length Bond Angle	1) Read Holt pp. 144-150, answer p. 150 #1-5 2) Vocabulary list due FRIDAY
Wed, 1/16	Ionic bonding <ul style="list-style-type: none"> • Drawing Bohr Models • Naming ionic compounds <i>See animation for help:</i> http://en.wikipedia.org/wiki/Ionic_Bond	Ionic bond Metallic Bond <i>7th pd: Polyatomic ion</i>	1) Read Holt pp. 151-154 (7th period : also read pp. "Polyatomic Ions on pp. 156-8) 2) Practice problems – Worksheet on back, part I 3) Vocabulary list due FRIDAY
Thurs, 1/17	Covalent bonding	Covalent bond Organic compound Alkanes	1) Read Holt pp. 155-6 AND 165-7 2) Answer pp. 158 #1-4, 8 and COPY Table 9 on p. 167 3) Vocabulary list due FRIDAY
Fri, 1/18	Review & Quiz: Charge on ions, Ionic & covalent bonds		

REMINDERS

- 1) *Keep up the good work and earn a Bunsen Burner Laboratory Exercise!!*
- 2) Vocabulary lists: These will be assigned on a weekly basis. The words you need to define are listed above in the "Vocabulary" column. Please underline the word and write it's definition. You may include pictures, in addition, if you'd like. I will have vocabulary quizzes on Fridays very often...hint, hint.
- 3) Textbook: Look for "**Science Spectrum**" under "High School Textbooks" in **SchoolNet (log in using your school ID# as your ID and the password assigned to you. I can reset this for you if need!)**.
- 4) Calculator: Remember to bring your calculator to class every day! (Cell phones may *not* be used)
- 5) Homework counts for 10% of your grade and SHOULD HELP your grade!
- 6) Have questions? Stay for **tutoring** on Mondays and Thursdays in Room 324 from 2:45 – 3:30.

Hard work → Success!